AMENDMENTS TO THE CLAIMS

Please amend claims 1, 3-9, 14, 15, 17, 19-22, 24, 27-31, 34-40, 46, 47, 49, 51-54, 57 and 60-65 as follows. Following is a complete listing of the claims pending in the application, as amended.

1.   (Currently Amended) A system for sharing a hierarchical document, the hierarchical document having a node, comprising:

a processor;

a memory coupled to the processor;

a component that receives an indication of a privilege for the node, the privilege indicating access rights for the node and determined based on access rights for another node of the hierarchical document, the indication including a holder of the privilege;

a component that receives an access request to the node from a requestor; and

a component that handles the received access request, wherein the handling includes determining whether the requestor is a holder of a privilege that is appropriate for the received access request.

2.   (Original) The system of claim 1 wherein the holder of the privilege is a user.

3.   (Currently Amended) The system of claim 2-1 wherein the holder of the privilege is an application program.

4.   (Currently Amended) The system of claim 2-1 wherein the holder of the privilege is an operator of an application program.

5.   (Currently Amended) The system of claim 1 wherein the holder of the privilege is a client computing device.

6.   (Currently Amended) The system of claim 1 wherein the system receives an indication of the holder of the privilege from an operating system.

7.   (Currently Amended) The system of claim 1 wherein the system authenticates the holder of the privilege.

8.   (Currently Amended) The system of claim 1 wherein the received access request is~~ ~~includes a mutation relating to a~~ ~~the node.

9.   (Currently Amended) The system of claim 8 wherein the ~~indication of an~~ received access request indicates the node.

10.   (Original) The system of claim 8 wherein the privilege is appropriate for the received access request when the mutation and privilege are both Insert.

11.   (Original) The system of claim 8 wherein the privilege is appropriate for the received access request when the mutation and privilege are both Update.

12.   (Original) The system of claim 8 wherein the privilege is appropriate for the received access request when the mutation and privilege are both Delete.

13.   (Original) The system of claim 1 wherein the privilege is appropriate for the received access request when the received access request is Read and the privilege is Insert.

14.   (Currently Amended) The system of claim 1 wherein the holder of the privilege holds multiple privileges.

15.   (Currently Amended) The system of claim 1 wherein the holder <u>of the privilege</u> holds the privilege on descendants of the node merely by holding a privilege on the node.

16.   (Original) The system of claim 15 wherein the privilege is Delete.

17.   (Currently Amended) The system of claim 1 wherein the holder <u>of the privilege</u> holds a different privilege on attributes of the node.

18.   (Original) The system of claim 17 wherein the privilege is Insert and the different privilege is Read.

19.   (Currently Amended) The system of claim 17 wherein the holder <u>of the privilege</u> does not hold the privilege on descendants of the node merely by holding the privilege on the node.

20.   (Currently Amended) The system of claim 1 wherein the holder <u>of the privilege</u> does not hold a privilege on a descendant of the node merely by owning the privilege on the node.

21.   (Currently Amended) The system of claim 1 wherein the holder <u>of the privilege</u> holds a different privilege on a parent of the node.

22.   (Currently Amended) The system of claim 21 wherein the holder <u>of the privilege</u> is privileged to request a mutation relating to the parent.

23.   (Original) The system of claim 22 wherein the mutation is to remove the node.

24.   (Currently Amended) The system of claim 1 wherein <u>the privilege is held by</u> multiple holders <s>hold the privilege</s>.

25.   (Original) The system of claim 1 wherein the holder of the privilege is a privilege group.

26.   (Original) The system of claim 25 wherein the privilege group has multiple members.

27.   (Currently Amended) The system of claim 26 wherein <u>one of</u> the <s>member</s> members is an application program.

28.   (Currently Amended) The system of claim 26 wherein <u>one of</u> the <s>member</s> members is an operator of an application program.

29.   (Currently Amended) The system of claim 26 wherein <u>one of</u> the <s>member</s> members is a client computing device.

30.   (Currently Amended) The system of claim 1 <u>wherein the system is used by multiple users, and</u> wherein the handling <u>further</u> includes returning a message<u>, wherein the message includes</u> <s>comprising</s> an indication of mutations to <u>one or more users of the system</u>.

31.   (Currently Amended) The system of claim 30 wherein the message <u>further</u> includes only information for which a <u>user that is a</u> recipient of the message holds an appropriate privilege.

32.   (Previously Presented) A method in a distributed computing environment for sharing a hierarchical document, the hierarchical document having a node, comprising:

    receiving an indication of a privilege for the node, the privilege indicating access rights for the node and determined based on access rights for another node of the hierarchical document, the indication including a holder of the privilege;

    receiving an access request to the node from a requestor; and

    handling the received access request, wherein the handling includes determining whether the requestor is a holder of an appropriate privilege for the received access request.

33.   (Original) The method of claim 32 wherein the holder of the privilege is a user.

34.   (Currently Amended) The method of claim 33 32 wherein the holder of the privilege is an application program.

35.   (Currently Amended) The method of claim 33 32 wherein the holder of the privilege is an operator of an application program.

36.   (Currently Amended) The method of claim 32 wherein the holder of the privilege is a client computing device.

37.   (Currently Amended) The method of claim 32 wherein the system receives an indication of the holder of the privilege from an operating system.

38.   (Currently Amended) The method of claim 32 wherein the system authenticates the holder of the privilege.

39.   (Currently Amended) The method of claim 32 wherein the received access request is includes a mutation relating to a the node.

40.   (Currently Amended) The method of claim 39 wherein the indication of an received access request indicates the node.

41.   (Original) The method of claim 39 wherein a privilege is appropriate for the received access request when the mutation and privilege are both Read.

42.   (Original) The method of claim 39 wherein a privilege is appropriate for the received access request when the mutation and privilege are both Insert.

43.   (Original) The method of claim 39 wherein a privilege is appropriate for the received access request when the mutation and privilege are both Update.

44.   (Original) The method of claim 39 wherein a privilege is appropriate for the received access request when the mutation and privilege are both Delete.

45.   (Original) The method of claim 39 wherein a privilege is appropriate for the received access request when the mutation is Read and the privilege is Insert.

46.   (Currently Amended) The method of claim 32 wherein the holder of the privilege holds multiple privileges.

47.   (Currently Amended) The method of claim 32 wherein the holder of the privilege holds the privilege on descendants of the node merely by holding a privilege on the node.

48.   (Original) The method of claim 47 wherein the privilege is Delete.

49.   (Currently Amended) The method of claim 32 wherein the holder <u>of the privilege</u> holds a different privilege on attributes of the node.

50.   (Original) The method of claim 49 wherein the privilege is Insert and the different privilege is Read.

51.   (Currently Amended) The method of claim 49 wherein the holder <u>of the privilege</u> does not hold the privilege on descendants of the node merely by holding the privilege on the node.

52.   (Currently Amended) The method of claim 32 wherein the holder <u>of the privilege</u> does not hold a privilege on a descendant of the node merely by owning the privilege on the node.

53.   (Currently Amended) The method of claim 32 wherein the holder <u>of the privilege</u> holds a different privilege on a parent of the node.

54.   (Currently Amended) The method of claim 53 wherein the holder <u>of the privilege</u> is privileged to request a mutation relating to the parent.

55.   (Original) The method of claim 54 wherein the mutation is to remove the node.

56.   (Original) The method of claim 54 wherein the mutation is to remove an attribute.

57.   (Currently Amended) The method of claim 32 wherein <u>the privilege is held by</u> multiple holders ~~hold the privilege~~.

58.   (Original) The method of claim 32 wherein the holder of the privilege is a privilege group.

59.   (Original) The method of claim 58 wherein the privilege group has multiple members.

60.   (Currently Amended) The method of claim 59 wherein one of the ~~member~~ members is an application program.

61.   (Currently Amended) The method of claim 59 wherein one of the ~~member~~ members is an operator of an application program.

62.   (Currently Amended) The method of claim 59 wherein one of the ~~member~~ members is a client computing device.

63.   (Currently Amended) The method of claim 32 wherein the system is used by multiple users and wherein the handling further includes returning a message, wherein the message includes ~~comprising~~ an indication of mutations to one or more users of the system.

64.   (Currently Amended) The method of claim 63 wherein the message further includes only information for which a user that is a recipient of the message holds an appropriate privilege.

65.   (Currently Amended) The method of claim 32 wherein the received access request identifies the node with a unique identification.

66.   (Original) The method of claim 32 wherein the access request is received as a message.

      67.   (Original) The method of claim 66 wherein the message is represented in XML.